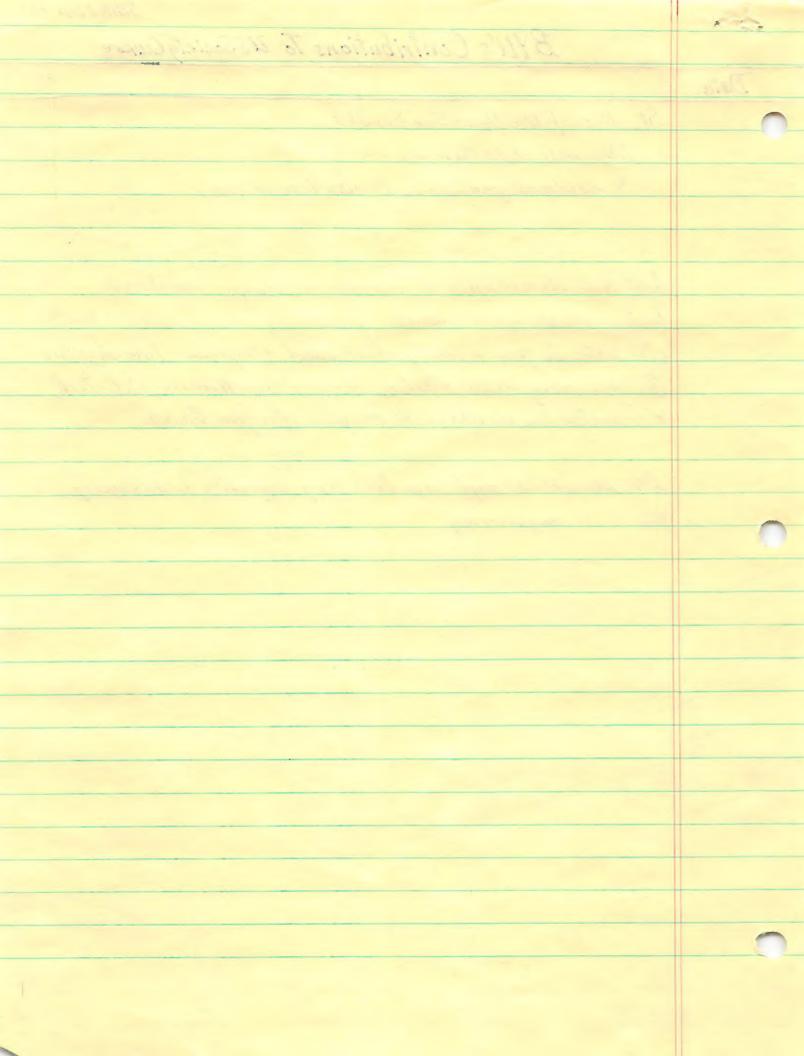
## BYU's Contributions To USSociety Culture

Date

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" developed good ties to Arabic learned men

Asst Prof. Steven Castle in Chemistry & biology - mentored undergraduate Spencer Jones. Together, Spencer Created a Synthetic molecule from a plant, which had morphine - like Structure. This discovery drew attention to Jones from Harvard, Cal-Tech, & Princeton Universities, He accepted offer from Princeton.

BYU mechanical dept. have been very aggresive in advancing their u engineering





ALL 2006 NEWSLETTE

## BYU ANNUAL FUND

REPORTING HOW YOUR DONATIONS BENEFIT STUDENTS



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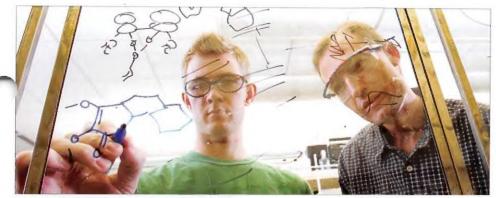
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BYU Contributions To our Culture



## Student's Research Published in Top-Tier Scientific Journal



"Mentoring preps students for grad school by exposing them to situations and experiences," says BYU chemistry professor Steven Castle, right. Castle and then student Spencer Jones, left, coauthored an article that was published in the journal Organic Letters.

Thanks to his heavy involvement in a mentored research project, Spencer Jones is on his way to graduate school. Working with BYU faculty mentor Steven Castle, Jones helped create a synthetic molecule derived from a plant with a morphine-like structure.

"The experience I gained working alongside professors, postdoctoral fellows, and graduate students will be invaluable in the realization of my academic and professional goals," says Jones, who fielded offers from Harvard and Caltech, but decided to attend Princeton on fellowship.

Castle and Jones co-published their findings in the scholarly publication *Organic Letters*, a top journal in the field of organic chemistry.

Castle, an assistant professor of chemistry and biology, says it's note-worthy that Jones was an undergraduate at the time.

"Spencer did roughly 90 to 95 percent of the work on the project and is a great example of how mentoring

## THANK YOU

President Cecil O. Samuelson says of fund-raising: "We make tremendous efforts to encour-



age and involve people of all financial walks of life in supporting the university. . . . Every contribution is significant and blesses the life of the giver as well as the recipient."

"I assure all donors that we will use donated funds, which we consider sacred, in the most prudent and careful way," he says. "Thank you again for all of your support."

prepares students for grad school by exposing them to situations and experiences they wouldn't otherwise get," says Castle.

BYU's mentored learning initiative is funded through donations to the BYU Annual Fund and the BYU President's Leadership Council.

"Thanks to generous contributions, real students like me are given great opportunities to increase our knowledge and understanding in a wide variety of fields," says Jones.



